

Fig.1

10/551655

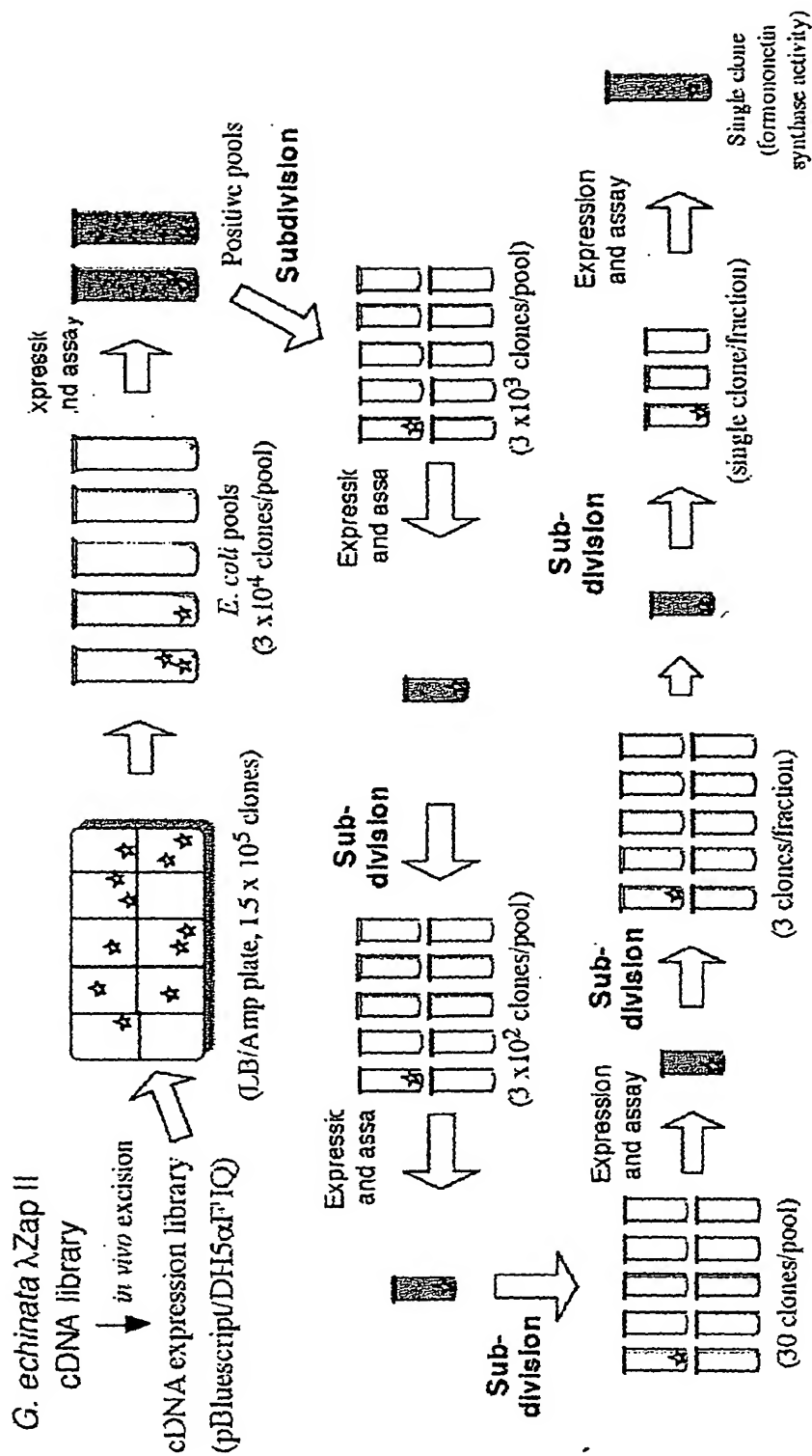


Fig.2

(A)

| | | |
|------------------|-----|---|
| G. echinata HIDM | 1 | MASSSTSTTSKIDRELPFLLRVYKDCIVERFLGSSFPVPPSPEDPETGVSTKDIVISEHP |
| Soybean HIDH | 1 | MAKEIVK----EL---LP-LIRVYKDCSVERLLSSENMAASPEDPOTGVSSKDIVIADNP |
| G. echinata HIDM | 61 | TISARYYLPLNNTTEKLELVYYHGGAFCLSAFSLHQRYLNTMASKARVLVVSIEYR |
| Soybean HIDH | 53 | YVSARIFLPKSHHTNNKLEFLYFHGGAFCLSAFSLFVHRYLNTLASEANIIAISVDFR |
| G. echinata HIDM | 121 | LAPEHPLPAAYEGWYALKWVTSSTNNKPTNADPWLIKHGDFNRFYIGGDTSGANIAH |
| Soybean HIDH | 113 | LLPHHPIPAAYEGWTTLKWIASHANNTRTTNP-EPWLLNHADETKVYVGGETSANIAH* |
| G. echinata HIDM | 181 | NAALRYGAELPGLRTAGVLSAFPLFWGSKPVLSEPVGHEKSSPMQVWNFVYPDA>GG |
| Soybean HIDH | 172 | NLLLRAGNESLPGLKTLGGLCCPFFWGSKPTGSEAVEGHEOSLAKVWNFACPDAPGG |
| G. echinata HIDM | 241 | IDNPLENPLAPGAPNLATLCCKPMVYFVACKDLDLRDGTWYYEAVKESGHWKGDVELAQYE |
| Soybean HIDH | 232 | IDNPMINPCVPGAPSLATLACSKLLVTITCKDEFDRDILYHHTWEQSGWQELQDFDAG* |
| G. echinata HIDM | 301 | GEEHCFQIYHPETENSKDLIGRIASFLV |
| Soybean HIDH | 292 | DEEHAFCFLFKPETHLAKAMKRLASFLV* |

(B)

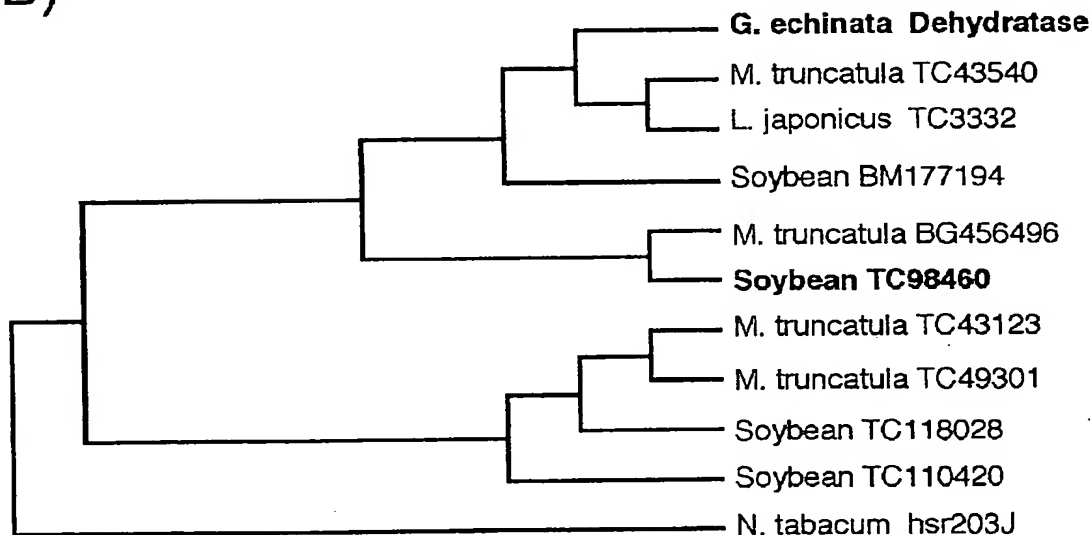


Fig.3

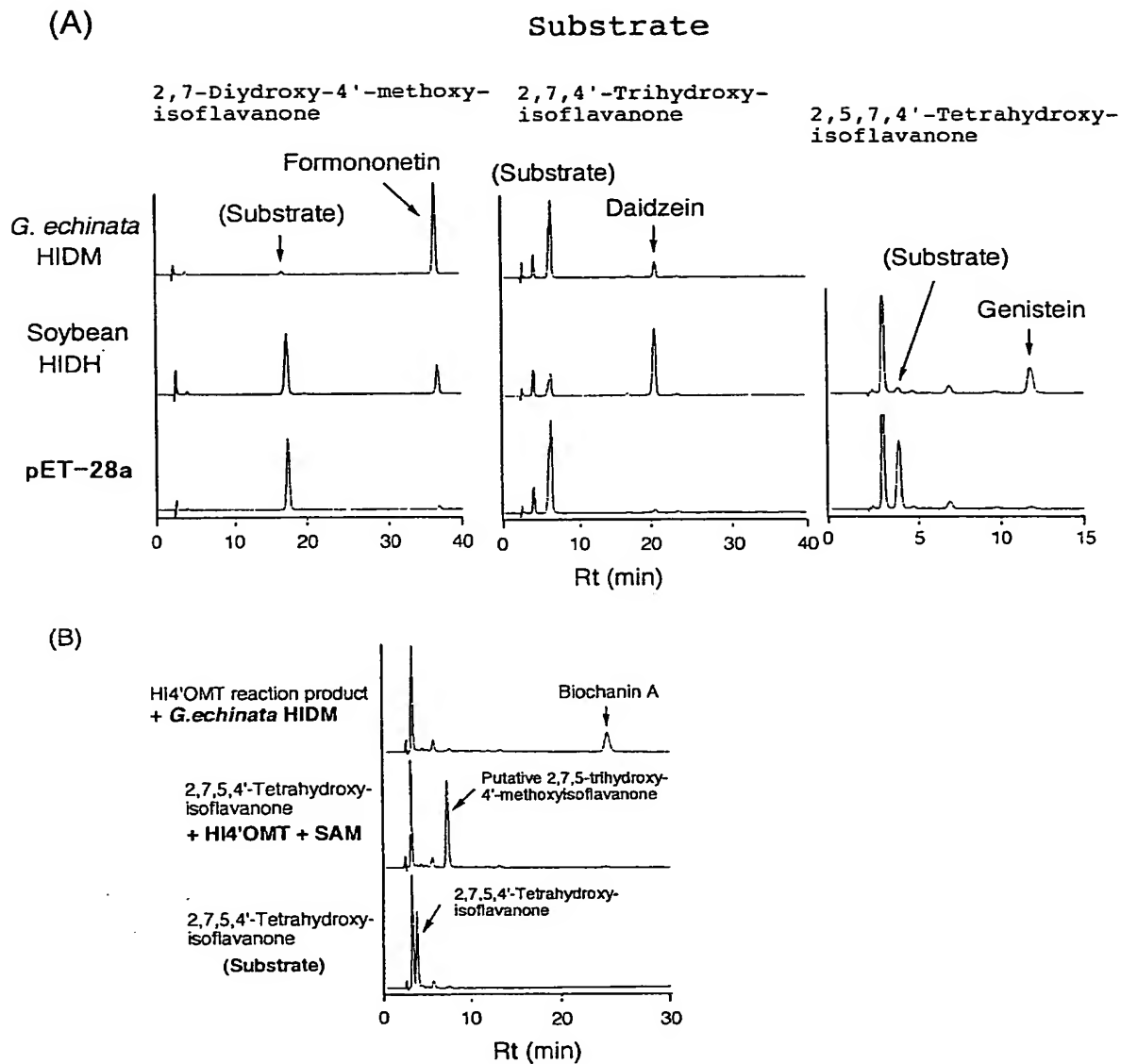


Fig.4

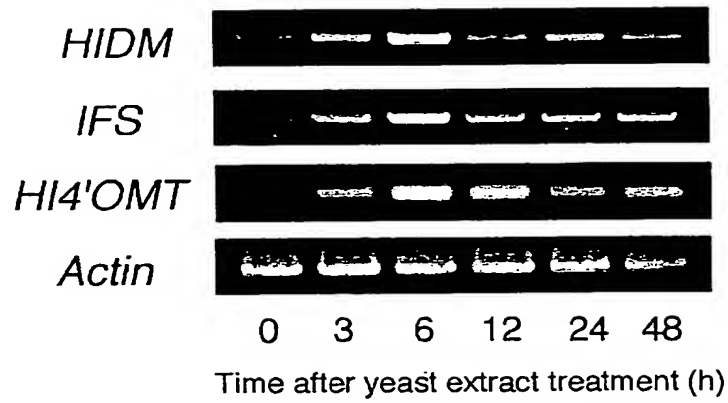


Fig.5

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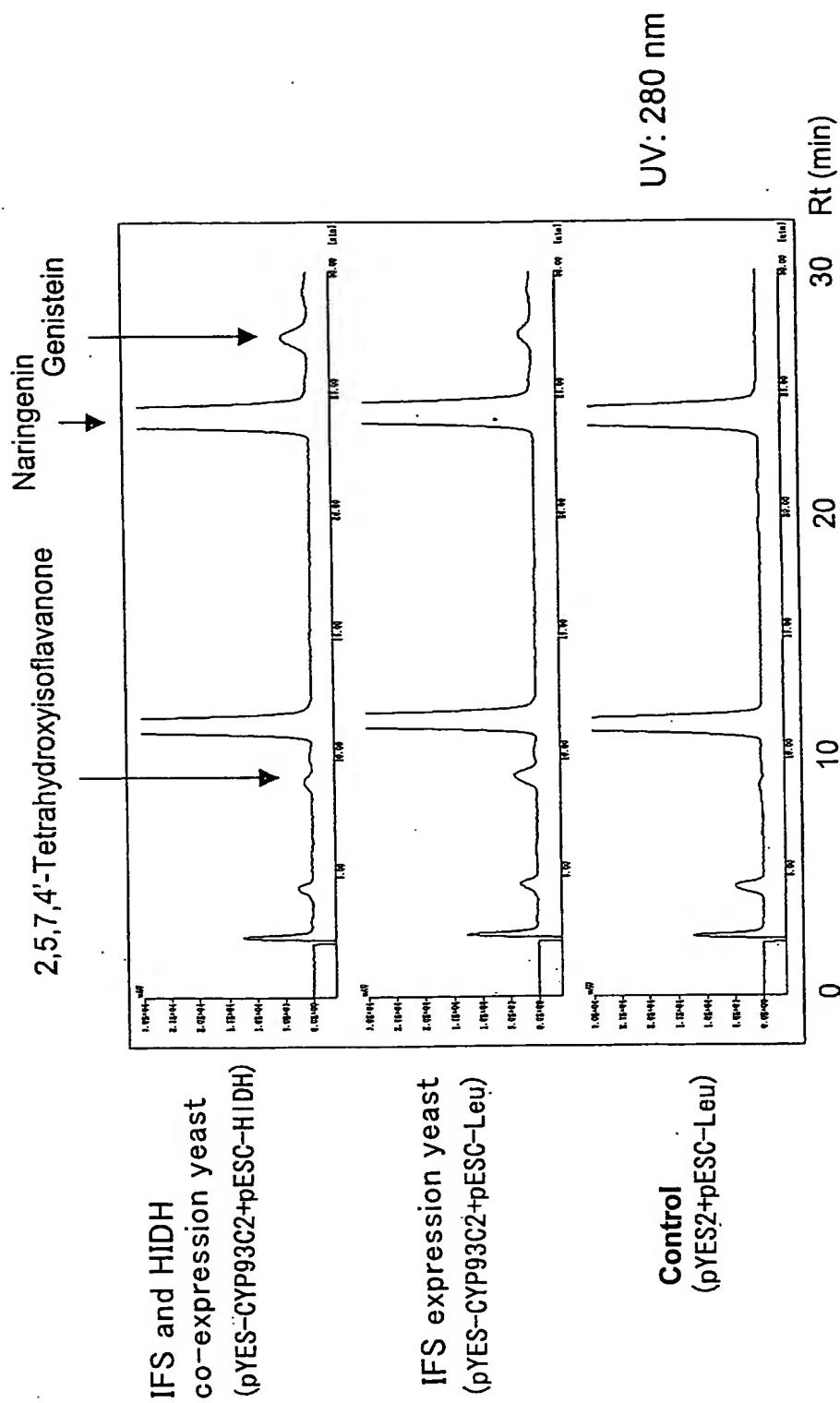


Fig.6